

FIG.1

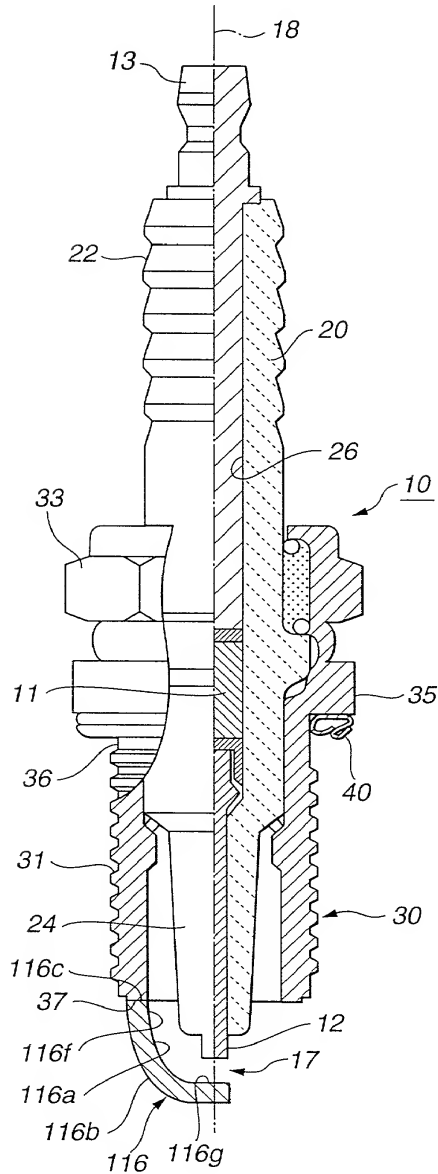


FIG.2A

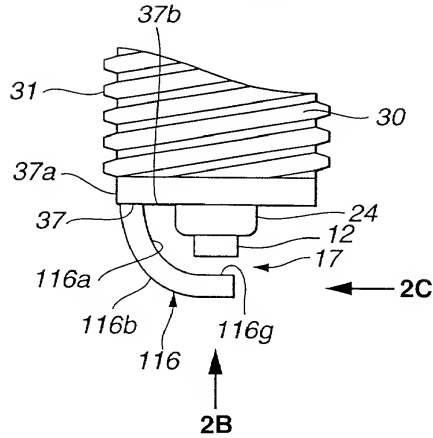


FIG.2B

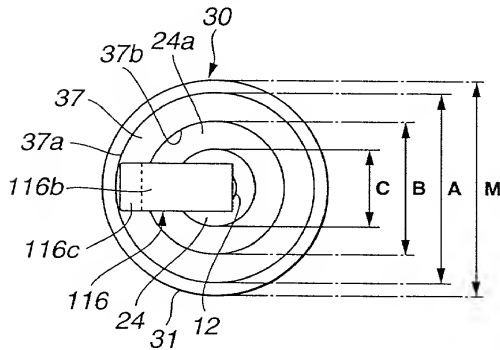


FIG.2C

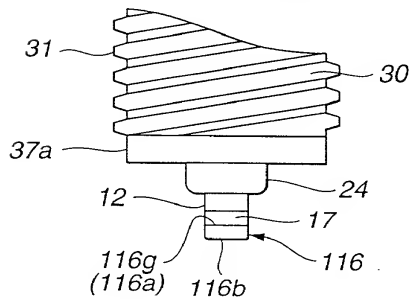


FIG.3A

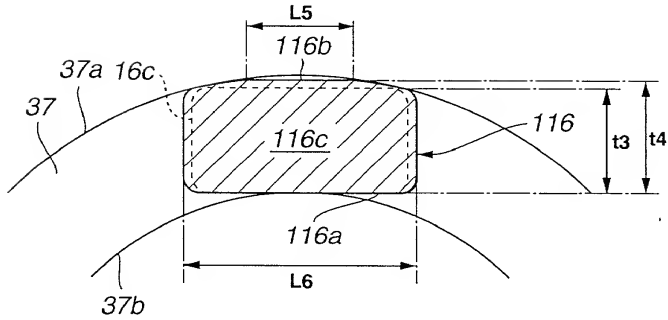


FIG.3B

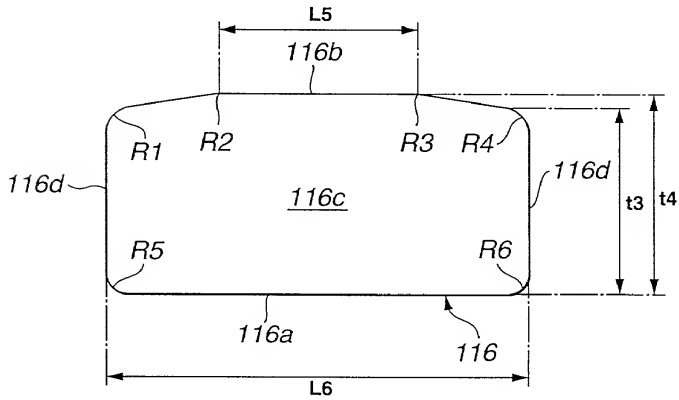


FIG.4

DURABILITY TEST RESULT

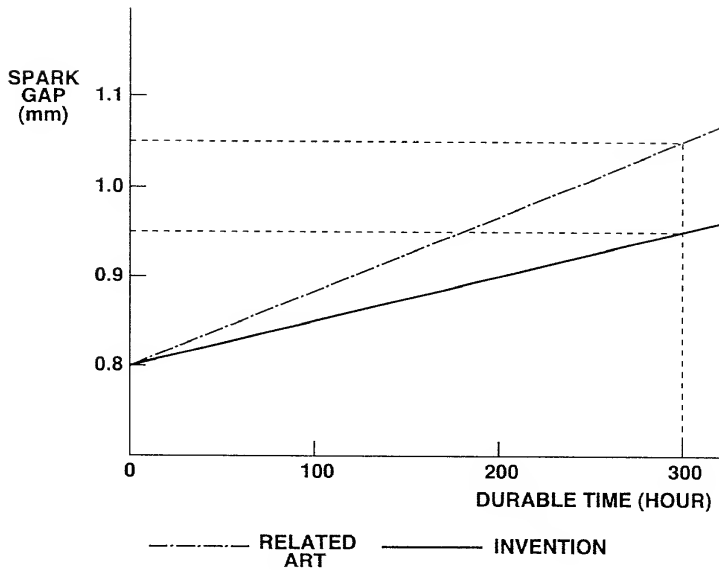


FIG.5

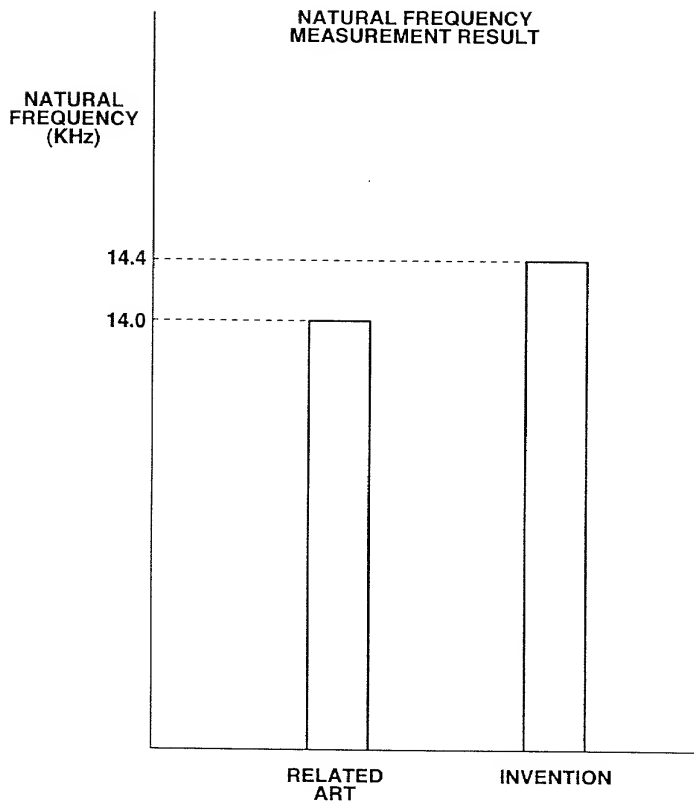


FIG.6

**SIDEWAY JUMPING
 OCCURRENCE TEST RESULT**

| | | METALLIC SHELL INNER DIAMETER B | INSULATOR FRONT END PORTION DIAMETER C | CLEARANCE D | SIDEWAY JUMPING OCCURRENCE VOLTAGE (BY COMPARISON WITH RELATED ART) |
|----------------|----------------------------|------------------------------------|---|-------------|--|
| RELATED ART | t1=1.3 L1=2.7 | 7.20 | 4.30 | 1.45 | AS USUAL |
| UNMODIFIED | t2=1.4 L2=2.9 | 6.94 | 4.30 | 1.32 | -1.3kV |
| INVENTION | t4=1.4 L6=2.9 L5=1.4 | 7.20 | 4.30 | 1.45 | ±0.0kV |

FIG.7A

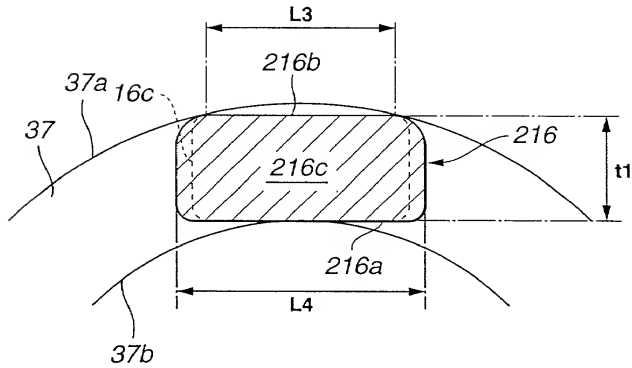


FIG.7B

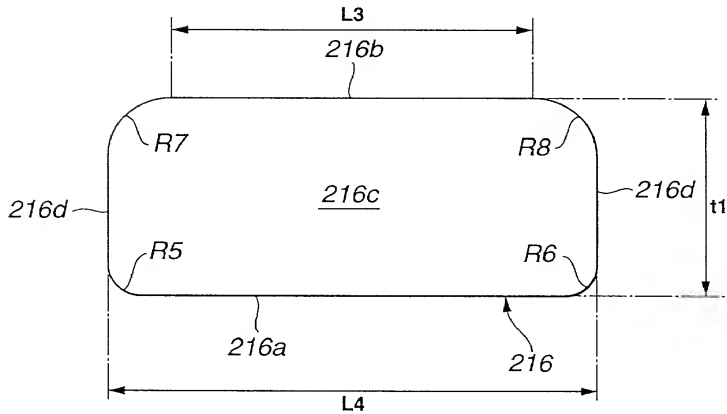


FIG.8A

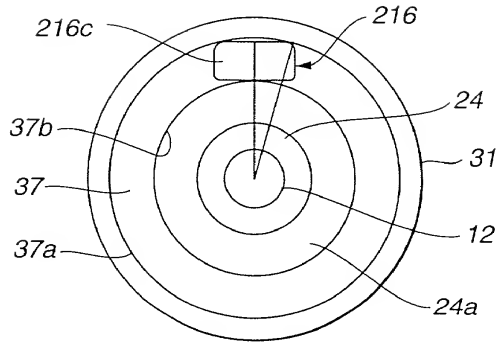


FIG.8B

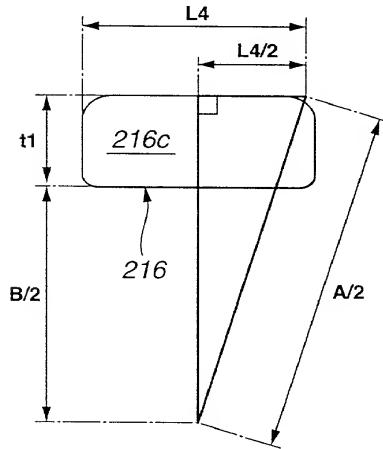


FIG.9A

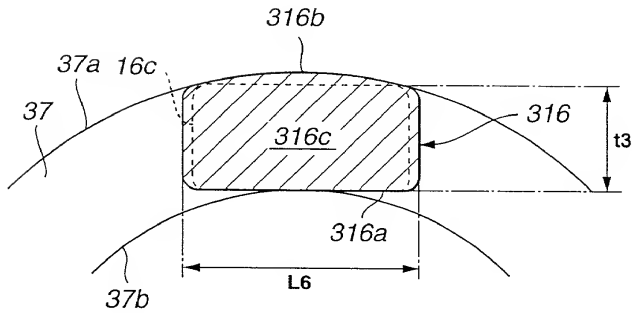


FIG.9B

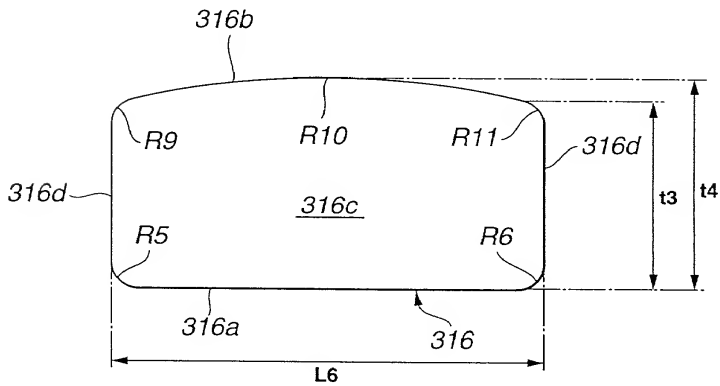


FIG.10A

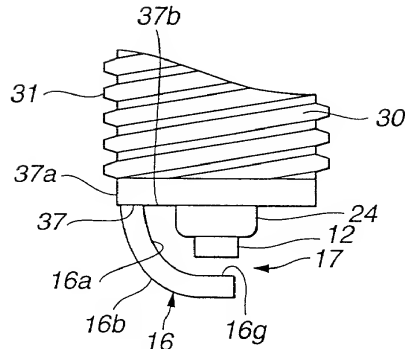


FIG.10B

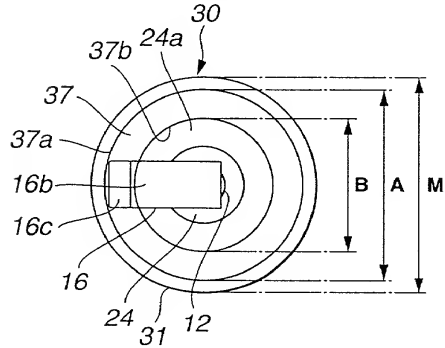


FIG.10C

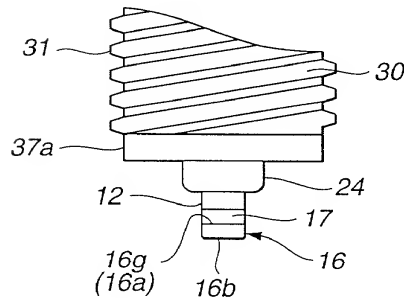


FIG.11A

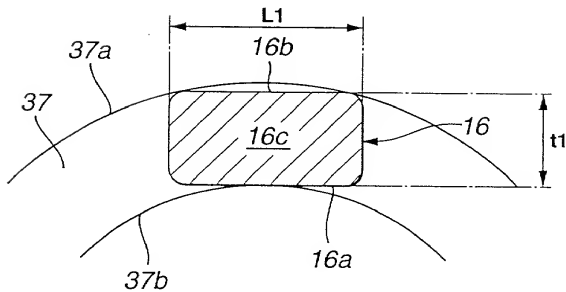


FIG.11B

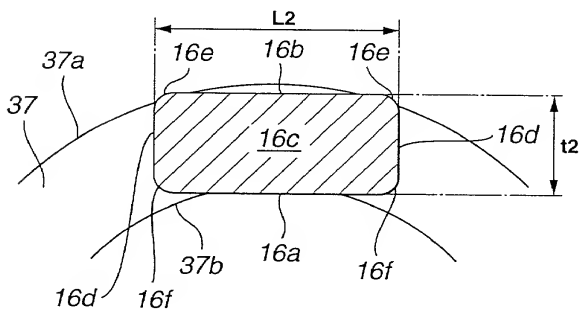


FIG.11C

